

APPARATUS AND METHOD FOR COMMUNICATION

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Abstract of JP2002111558

PROBLEM TO BE SOLVED: To provide an apparatus and a method for communication where proper diversity effect is attained, while seducing power consumption in a communication device provided with a plurality of receiving circuits.

SOLUTION: A communication device 1 is provided with reception circuits 23 and 24 in a plurality of systems to accommodate a variety of communication methods, including high-speed data transmission and telephone conversation/low-speed data transmission. In telephone conversation/low-speed data transmission, if the receiving level is higher than a specified threshold, a first diversity method where one of the reception circuits in the plurality of the systems is selected and actuated on a receiving slot-by-receiving slot basis and power supply to the non-selected reception circuits is interrupted. In unfavorable receiving conditions, a second diversity method where any detection output in the reception circuits in the plurality of the systems is selected on a symbol-by-symbol basis.

